

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

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| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/687,348 | |
| | Filing Date | October 15, 2003 | |
| | First Named Inventor | Frei, et al. | |
| | Art Unit | 3762 | |
| | Examiner Name | Darin Roberts | |
| Total Number of Pages in This Submission | 13 | Attorney Docket Number | 011738.00152 |

ENCLOSURES (check all that apply)

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| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) ____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Certificate of Express Mailing, 1 page Return Receipt Postcard |
| Remarks The Commissioner is authorized to charge any fees in connection with this correspondence to Deposit Account No. 19-0733. A duplicate of this sheet is enclosed. | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|--------------|------------------------|----------|--------|
| Firm | Banner & Witcoff, Ltd. | | |
| Signature | | | |
| Printed Name | Binal J. Patel | | |
| Date | May 9, 2006 | Reg. No. | 42,065 |

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

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| Signature | | | |
| Typed or printed name | | Date | |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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By: 

| | |
|------------------------|---|
| Patent Application of: | Frei, et al. |
| Serial No. | 10/687,348 |
| Title: | Signal Quality Monitoring and Control For A Medical Device System |
| Attorney Docket No. | 011738.00152 |

Transmittal form, 1 page, in duplicate
Response and Amendment, 11 pages
Return Receipt Postcard

5-11-06

IFW

Appln. No.: 10/687,348
Amendment dated May 9, 2006
Reply to Office Action mailed February 9, 2006



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Frei, et al.

Serial No.: 10/687,348

Filed: October 15, 2003

For: Signal Quality Monitoring and
Control For A Medical Device
System

Atty. Docket No.: 011738.00152

Group Art Unit: 3762

Examiner: Darin Roberts

Confirmation No.: 7858

RESPONSE AND AMENDMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

This paper is responsive to the Office Action mailed February 9, 2006. The Office Action set a three-month date for responding, making this paper due on or before **May 9, 2006**. The Commissioner is authorized to debit or credit our Deposit Account 19-0733 accordingly for any fees owed with the submission of this paper or for any overpayments made. Reconsideration of the instant application is respectfully requested in light of the following:

Amendments to the Claims are reflected in the Listing of the Claims, which begins on page 2 of this paper.

Remarks/Arguments begin on page 8 of this paper.